

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2011-09-20
Date of Last Change to Activities: 2012-05-25
Investment Auto Submission Date: 2012-02-27
Date of Last Investment Detail Update: 2012-02-27
Date of Last Exhibit 300A Update: 2012-08-23
Date of Last Revision: 2012-05-25

Agency: 021 - Department of Transportation **Bureau:** 04 - Office of the Secretary

Investment Part Code: 02

Investment Category: 48 - Multi-agency collaboration

1. Name of this Investment: DOTXX126: DOT Identity, Credential, and Access Management (ICAM)

2. Unique Investment Identifier (Ull): 021-270139098

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

Identity, Credential, and Access Management (ICAM) is heavily matrixed initiative that crosses organizational, programmatic, and system boundaries - both within DOT and external to DOT. This investment is the first attempt at describing ICAM as a DOT-level effort. In previous years the funding required to support ICAM was reported as pieces of component-level investments. All DOT missions and programs will benefit from full implementation of ICAM, as will all employees and contractors, DOT partners (state and local governments, researchers, and vendors), as well as members of the general public. Full implementation of ICAM will ensure that access to Federal facilities, information, data, and networks is granted only authorized entities, while increasing efficiencies, reducing long-term costs, and improving ease of use. Consistencies and interoperability that will be achieved with full implementation of ICAM will make it easier for the average citizen and businesses to interact with Federal agencies (citizen to Government and business to Government) and for Federal Departments/Agencies to interact with each other (Government to Government). ICAM activities include maintaining the issuance of personal identity verification (PIV) cards, expanding to include the management of non-PIV credentials, continued integration of existing systems into enterprise identity management systems, and continued deployment of upgraded physical access control systems.

2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.

Full implementation of ICAM will ensure compliance with Executive Order HSPD-12, OMB M-05-24, OMB M-11-11, contribute to compliance with the Federal Information Security Management Act of 2002 (FISMA), E-Government Act of 2002 (E-Gov Act), the National Strategy for Trusted Identities in Cyberspace (NSTIC), and the Trusted Internet Connections (TIC) Initiative and will close several open notices of finding and recommendations (NFRs) from multiple audits conducted by the DOT Office of Inspector General (OIG). The ICAM program ensures alignment of DOT with Federal government-wide efforts to enhance security to Federal facilities, networks, and systems while achieving cost savings and reducing the burden of multiple user names and passwords. Failure to fully fund ICAM will result in DOT continuing to be vulnerable to unauthorized access to its facilities, information, data, and networks and reduce the ability to achieve efficiencies resulting in improved employee morale and cost savings.

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

DOT ICAM Charter Signed; DOT ICAM Integrated Program Team (IPT) formed; DOT ICAM/HSPD-12 Implementation Policy Signed by Secretary in response to OMB M-11-11; PIV cards issued to over 90% of DOT employees and contractors; PIV card issuance started in the field; departmental pilot for requiring PIV cards started.

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

Issue PIV cards to all employees and contractors; begin requiring PIV card use for certain operating administrations and components; identify and implement a contractor tracking system; consolidate identity management activities across the DOT; Upgrade HQ facility access system to use PIV credentials; PIV enable 50% of applications and systems; expand use of digital signature and encryption with the PIV card; Begin to accept other agencies PIV credentials.

5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.

2011-05-13

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$16.2	\$0.7	\$2.0	\$0.7
DME (Excluding Planning) Costs:	\$0.3	\$0.2	\$3.8	\$6.0
DME (Including Planning) Govt. FTEs:	\$0.1	\$0.2	\$0.8	\$0.9
Sub-Total DME (Including Govt. FTE):	\$16.6	\$1.1	\$6.6	\$7.6
O & M Costs:	\$12.1	\$7.7	\$8.8	\$8.7
O & M Govt. FTEs:	\$0.4	\$0.1	\$1.2	\$1.4
Sub-Total O & M Costs (Including Govt. FTE):	\$12.5	\$7.8	\$10.0	\$10.1
Total Cost (Including Govt. FTE):	\$29.1	\$8.9	\$16.6	\$17.7
Total Govt. FTE costs:	\$0.5	\$0.3	\$2.0	\$2.3
# of FTE rep by costs:	19	7	4	10
Total change from prior year final President's Budget (\$)		\$8.1	\$15.5	
Total change from prior year final President's Budget (%)		1.00%	1.00%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

This investment's scope has changed from only DOT OST activities to include all of DOT's ICAM related activities. All OA activities are now represented in this investment. The drastic increase does not represent an increase in funding requested.

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
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NONE

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-05-25

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
1	OST ICAM	OST ICAM investment activities.			
2	Air Traffic Office Network Access	Ability for all employees to access the FAA networks and the agency email application using the PIV card.			
3	FMCSA ICAM	This is FMCSA's contribution to the DOT ICAM investment. It includes development associated with the FMCSA Portal account management system.			
4	FRA ICAM	This investment establishes and implements the FRA Identity, Credential, and Access Management Program Federal and contractor employees, partners, and members of the public.			
5	FTA ICAM	Initiatives to satisfy ICAM requirements in FTA Systems for e-authentication (OTrak, TEAM, NTD) and HSPD-12 (WebApps, TEAM, PRISM, NTD, FMS, OTrak).			
6	NHTSA ICAM	Identity, Credential, and Access			

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
		Management (ICAM) systems and activities as part of the BY 2013 submission for NHTSA.			
8	PHMSA ICAM	PIV enabling of PHMSA's systems.			
9	FHWA ICAM	UPACS serves as the access control and user authentication mechanism for FHWA mission critical applications.			
10	MARAD ICAM	MARAD ICAM includes physical access (e..g, PIV badges, provisioning tools and resources to achieve it) of PIV cards and other approved PIV interoperable cards' logical access enablement.			
11	SLSDC HSPD-12 Implementation	The business case describes the Department's efforts in implementing Homeland Security Presidential Directive (HSPD) 12 related to smart card/common identification card technologies. Cost estimates based on DOT-provided estimates.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
1	OST ICAM							
2	Air Traffic Office Network Access							
3	FMCSA ICAM							
4	FRA ICAM							
5	FTA ICAM							
6	NHTSA ICAM							

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
8	PHMSA ICAM							
9	FHWA ICAM							
10	MARAD ICAM							
11	SLSDC HSPD-12 Implementation							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
8	HMIS Portal PIV CMB Review	review and approve HMIS Portal PIV for implementation	2010-12-27		2011-01-26	47	-30	-63.83%
8	Intermodal/HIP PIV Planning	plan to PIV enable Intermodal/HIP	2011-02-15	2011-04-10	2011-04-10	62	-54	-87.10%
8	Intermodal/HIP Testing	testing PIV Intermodal/HIP development	2011-06-15	2011-07-15	2011-07-15	65	-30	-46.15%
8	Intermodal/HIP CMB Review	review and approve Intermodal/HIP PIV for implementation	2011-06-21	2011-07-21	2011-07-21	5	-30	-600.00%
8	SMART PIV Planning	plan to PIV enable SMART	2011-11-01	2011-11-01	2011-11-01	61	0	0.00%
8	HMIS PIV Planning	plan to PIV enable HMIS	2012-01-31	2012-01-31	2012-01-31	122	0	0.00%
8	SMART PIV Testing	testing PIV SMART development	2012-03-01	2012-04-01	2012-04-11	28	-41	-146.43%
8	SMART PIV CMB Review	review and approve SMART PIV for implementation	2012-03-15	2012-04-12	2012-04-12	12	-28	-233.33%
2	Build FAA Logical Access Capability	Build capabilities for identity and access management	2012-06-30	2012-06-30		273	-62	-22.71%
1	Enterprise wide	Build capabilities for	2013-09-30	2013-09-30		730	0	0.00%

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
	Identity and Access management Capabilities	identity and access management						

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Uptime of DOT Network for PIV access (monthly)	percentage	Technology - Reliability and Availability	Over target	99.900000	0.000000	99.900000	99.900000	Monthly
Percentage of Cards Issued	% of cards issued to department	Customer Results - Service Coverage	Over target	0.000000	0.000000	85.000000	95.000000	Monthly
Percentage of Issued Cards provisioned	% of issued cards provisioned	Mission and Business Results - Management of Government Resources	Over target	0.000000	0.000000	39.000000	75.000000	Monthly
% of PIV enabled systems	% of systems PIV enabled	Process and Activities - Security and Privacy	Over target	0.000000	0.000000	2.000000	40.000000	Quarterly
percentage of users required to use PIV cards to logon to DOT network	% of users	Process and Activities - Security and Privacy	Over target	1.000000	0.000000	1.000000	75.000000	Quarterly